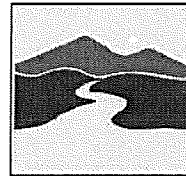


Shoreland Permit Applicationfor a **Shoreland Protection Permit** under
Chapter 49A of Title 10, § 1441 *et seq.***For Shoreland Permitting Use Only**

Application Number: 230

VERMONT DEPARTMENT OF
ENVIRONMENTAL CONSERVATION**WATERSHED
MANAGEMENT DIVISION**

LAKES & PONDS PROGRAM

Public Notice: At the same time this application is filed with Shoreland Permitting, a copy of this application must be provided to the municipal clerk for posting in the municipality in which the project is located.Submission of this application constitutes notice that the person in Section A intends to create impervious surface and/or cleared area within the Protected Shoreland Area, and certifies that the project will comply with Chapter 49A of Title 10, § 1441 *et seq.* All information required on this form must be provided, and the requisite fees (Section G) must be submitted made payable to the State of Vermont, to be deemed complete. Refer to *The Vermont Shoreland Protection Act - A Handbook for Shoreland Development* and related instructions for guidance in completing this application.**A. Parcel Information**

1. Landowner's Name: <i>David and Nancy Bullock</i>			RECEIVED NOV 23 2015 SMD
2a. Physical Address (911 Address): <i>5721 Vt. Rte 111</i>			
2b. Municipality: <i>Morgan</i>	2c. Zip: <i>05853</i>	3. SPAN*: <i>411-128-10539</i>	
4. Phone: <i>802.895.4220</i>		5. Email: <i>dbullock@cloud9.net</i>	
6. Name of lake/pond: <i>Seymour</i>		7. Total shore frontage: <i>955</i> (feet)	
8. Was the parcel of land created before July 1, 2014? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
9. Are there wetlands associated with this parcel? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Contact the Wetlands Program: (802) 828-1535 or www.anr.state.vt.us/dec/waterq/wetlands.htm .			
10. Is there a lake encroachment permit associated with this parcel? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Permit #: _____ Contact Lake Encroachment Permitting: www.anr.state.vt.us/dec/waterq/permits/html/pm_encroachment.htm			
11. What is the surface area of your parcel within the Protected Shoreland Area (PSA): <i>44,250</i> (square feet) See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix C, Determining Lakeside Zone & PSA			
12. What is the surface area of existing impervious surface on your parcel within the PSA: <i>7,250</i> (square feet) See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix F, Calculating Percent Impervious Surface			
13. What is the surface area of existing cleared area on your parcel within the PSA: <i>29,780</i> (square feet) See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix E, Calculating Percent Clearing			

B. Applicant Contact Information

1. Name: <i>David and Nancy Bullock</i>		
2a. Mailing Address: <i>5721 Vt. Rte 111</i>		
2b. Municipality: <i>Morgan</i>	2c. State: <i>Vt</i>	2d. Zip: <i>05853</i>
3. Phone: <i>802.895.4220</i>	4. Email: <i>dbullock@cloud9.net</i>	

C. Application Preparer Information (If the individual preparing the application is not the landowner.)

1. Name: <i>Peter A. Cole, Architect</i>		
2a. Mailing Address: <i>75 South Greeley Avenue</i>		
2b. Municipality: <i>Chapman</i>	2c. State: <i>Ny</i>	2d. Zip: <i>10514</i>
3. Phone: <i>914.238.6152</i>	4. Email: <i>peter@petercolearchitect.com</i>	

*SPAN: The "School Parcel Account Number" is required for your application to be deemed complete. It can be obtained from your property tax bill. If you cannot locate your property tax bill, please obtain this information from your Town Clerk. SPAN is a unique identification number for each parcel of property in the State of Vermont consisting of eleven digits. The first three digits identify the town; the next three digits identify the school district; and the last five digits represent the unique parcel or property.

D. Project Description

1. Describe the proposed project. For this application to be considered administratively complete you must attach site plans that denote existing and proposed cleared areas and impervious surface and their distances from mean water level, no fewer than three photos of the project area, and dimensions and associated surface areas of cleared areas and impervious surfaces.

Construct a new attached garage, modify parking area and driveway, eliminate 2280 sq. ft of existing driveway and return to ground cover and duff

2. For developed parcels, how far is the existing habitable structure from Mean Water Level 50 (feet), and how far will new cleared area or impervious surface be from MWL 56 (feet)?

OR

For undeveloped parcels, how far will new cleared area or impervious surface be from MWL _____ (feet)?
See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix A – Estimating Mean Water Level

3. Can all new cleared area or impervious surface be set back at least 100 feet from MWL? Yes No
If no, explain why below (attach support information as needed):

The existing house was constructed 50 feet to the M.W.L. The new attached garage cannot be situated upslope of the house due to the location and grade configurations of the driveway.

4a. What is the slope of the project site area: 8 %
See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix B, Determining Slope

4b. Is the slope of the project area less than 20%?
 Yes No If yes, skip 4c.

4c. If no above (4b), describe the measures taken to ensure the slope is stable, resulting in minimal erosion and impacts to water quality (attach support information as needed):

N.A.

5a. What is the surface area of new impervious surface associated with this project: 2840 (square feet)
See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix F Calculating Percent Impervious Surface

5b. What is the total resulting impervious surface after completion of the project and prior to implementation of best management practices: 10,090 (square feet) and is that 20% or less of the parcel area within the PSA? Yes No
If yes, skip 5c.

5c. If no above (5b), describe the best management practices used to manage, treat and control erosion from stormwater from the portion of impervious that exceeds 20% (attach support information as needed).

~~*N.A.*~~

*See D(1) for impervious surface BMP to remove 2,280 sq. ft of existing imp. Resolving imp. = 7,810 sq. ft, 17.6% of parcel area (PSA).
12/21/2015 [Signature]*

<p>6a. What is the surface area of new cleared area associated with this project: <u>0</u> (square feet) See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix E, Calculating Percent Clearing</p>	<p>6b. What is the total resulting cleared area* after completion of the project and prior to implementation of best management practices: <u>27,180</u> (square feet) and is that 40% or less of the parcel area within the PSA? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, skip 6c. *Total cleared area includes impervious surface area.</p>
---	--

6c. If no above (6b), describe the best management practices used to provide erosion control, bank stability, and wildlife habitat functionally equivalent to clearing less than 40% (attach support information as needed).

No new cleared areas will be created on site. The new attached garage, parking and driveway will be located over existing lawn areas. However we plan to eliminate 2280 sqft of existing driveway and return to ground cover and diff. Temporary erosion control will be provided during construction.

E. Landowner Certification (Resulting cleared area will be 27,500 ft. 62.1% of PSA. 27.1%)

As APPLICANT, I hereby certify that the statements presented on this application are true and accurate and recognize that by signing this application, I agree to complete all aspects of the project as authorized. I understand that failure to comply with the foregoing may result in violation of the Shoreland Protection Act, 10 V.S.A. Chapter 49A, and the Vermont Agency of Natural Resources may bring an enforcement action for violations of the Act pursuant to 10 V.S.A. chapter 201.

Applicant/Landowner Signature: *Wanda A. Soule* Date: 11.19.2015

F. Application Preparer Certification (if applicable)

As APPLICATION PREPARER, I hereby certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Application Preparer Signature: *Peter A. Cole* Date: 10.28.2015

G. Permit Application Fees

Administrative Fee: \$125.00		125.00
Impervious Area Fee: \$0.50 per square foot	New impervious area (5a.) <u>2800</u> x 0.5	\$ 1420
Total:		\$ 1545

Submit this form and application fee, payable to:

State of Vermont
Vermont Department of Environmental Conservation
Watershed Management Division
Shoreland Permitting
1 National Life Drive, Main 2
Montpelier, VT 05620-3522

Direct all correspondence or questions to Shoreland Permitting at:
 ANR.WSMDSshoreland@vermont.gov

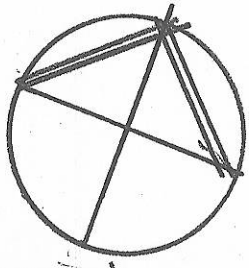
For additional information visit: www.watershedmanagement.vt.gov



BULLVOCK RESIDENCE: 5721 VT. RTE. 111. MORGAN, VT. 05853



BULLOCK RESIDENCE • 5721 VT. RTE. 111 • MORGAN VT. 05863



NORTH

Impervious Surface Calculations

Surface Area of Lot within P.S.A. (250 ft of mean water level):

53,630 x 20% Max. Allowable (without "Best Management Practices") = 10,726 sq ft

Existing Impervious Surfaces (including roof overhangs) Within P.S.A.

A. Main House	2450 sf
B. Boathouse	260 sf
C. Shed	120 sf
D. Front Walkway	380 sf
E. Rear Terrace	900 sf
F. Rear Steps to Lake	60 sf
G. Front Steps to Driveway	100 sf
H. Side Walkways	100 sf
I. Existing Driveway to Remain	2880 sf

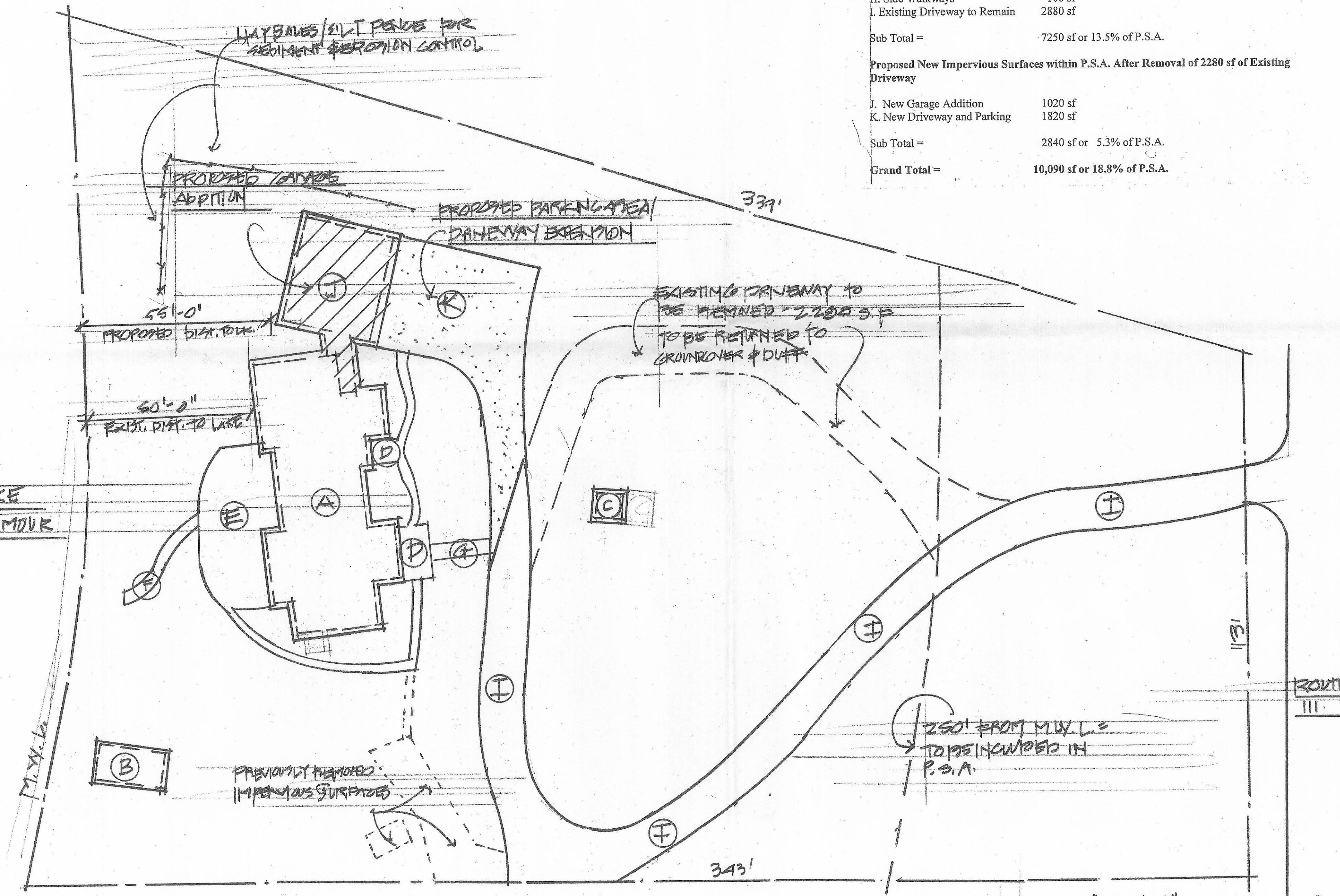
Sub Total = 7250 sf or 13.5% of P.S.A.

Proposed New Impervious Surfaces within P.S.A. After Removal of 2280 sf of Existing Driveway

J. New Garage Addition	1020 sf
K. New Driveway and Parking	1820 sf

Sub Total = 2840 sf or 5.3% of P.S.A.

Grand Total = 10,090 sf or 18.8% of P.S.A.

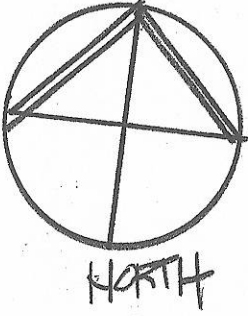


IMPERVIOUS SURFACE CALCULATIONS 10.28.2015

Peter A. Cole, Architect
75 South Greeley Avenue
Chappaqua, New York 10514

Shoreline Protection Act Submission Drawings
Garage Addition to the Bullock Residence
5721 Vermont Route 111
Morgan, Vermont 05853

SCALE: 1" = 20'-0"



~~EXISTING CLEARED AREA OF LOT WITHIN P.S.A. = 29,180 SF = 67%~~
~~PROPOSED CLEARED AREA OF LOT WITHIN P.S.A. = 29,780 SF = 67%~~

~~THE PROPOSED GARAGE ADDITION & DRIVEWAY EXTENSIONS
 SHALL BE CONSTRUCTED ON EXISTING CLEARED AREAS.
 NO INCREASE IN CLEARED AREAS IS PROPOSED~~

~~PROPOSED GARAGE ADDITION
 ON EXISTING LAWN AREA~~

~~PROPOSED PARKING
 & DRIVEWAY EXTENSION
 ON EXISTING CLEARED AREA~~

EXIST.
 HOME

EXISTING CLEARED AREAS

250' FROM MIN. L.S.
 TO BE INCLUDED IN
 P.S.A.

113'

ROUTE 111

343'

SCALE: 1" = 20'-0"

10-28-2015

CLEARED AREA LOCATIONS

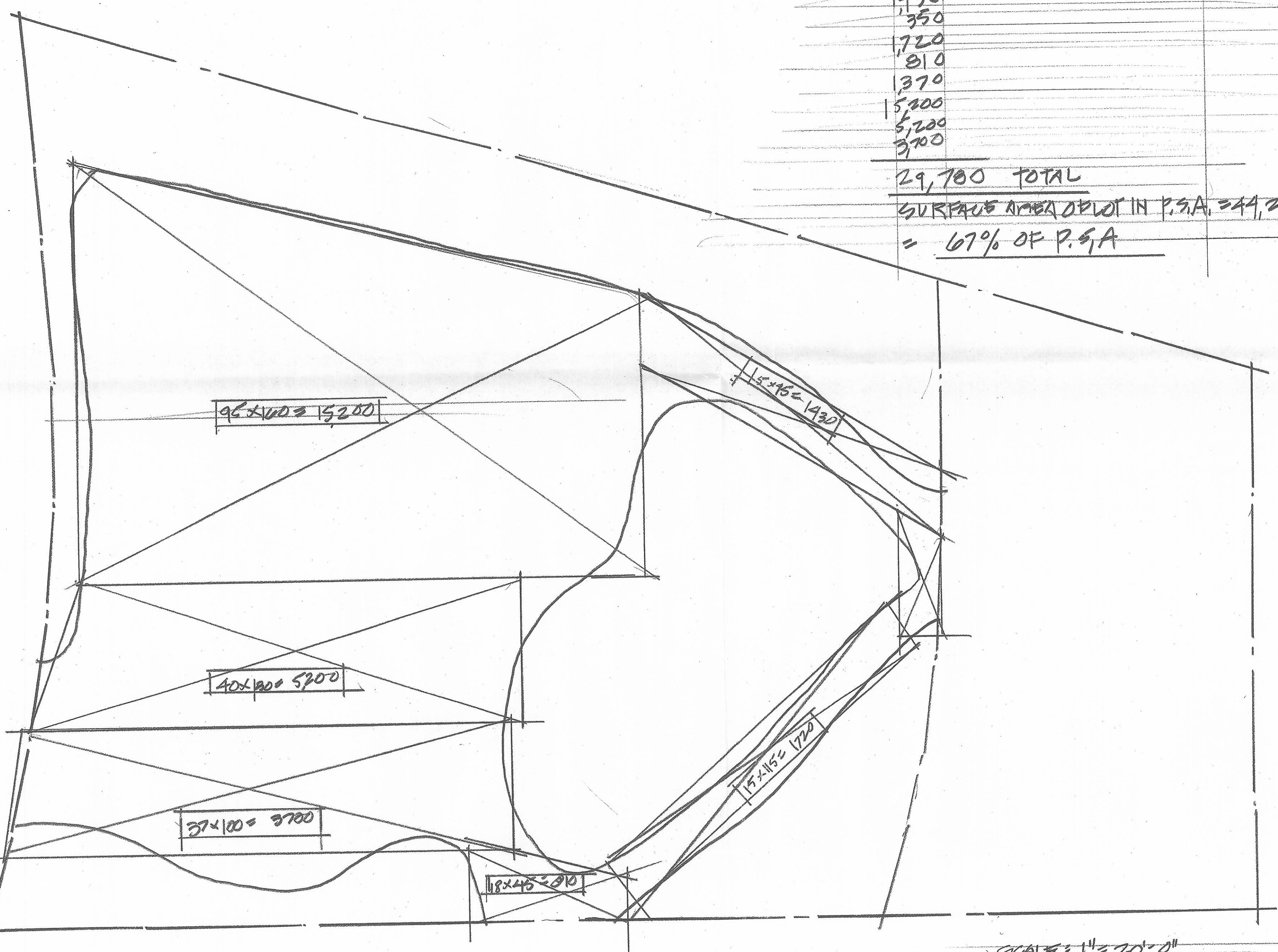
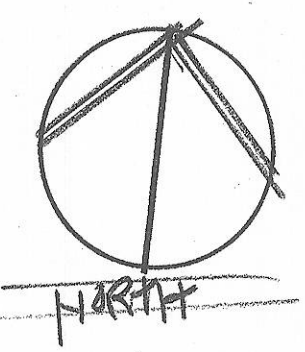
Peter A. Cole, Architect
 75 South Greeley Avenue
 Chappaqua, New York 10514

Shoreline Protection Act Submission Drawings

Garage Addition to the Bullock Residence

5721 Vermont Route 111

Morgan, Vermont 05853



CALCULATION OF CLEARED AREAS:

430
350
720
810
370
5200
5200
3700

29,700 TOTAL

SURFACE AREA OF PLOT IN P.S.A. = 44,250
= 67% OF P.S.A

SCALE = 1" = 20'-0"

Shoreline Protection Act Submission Drawings

Garage Addition to the Bullock Residence

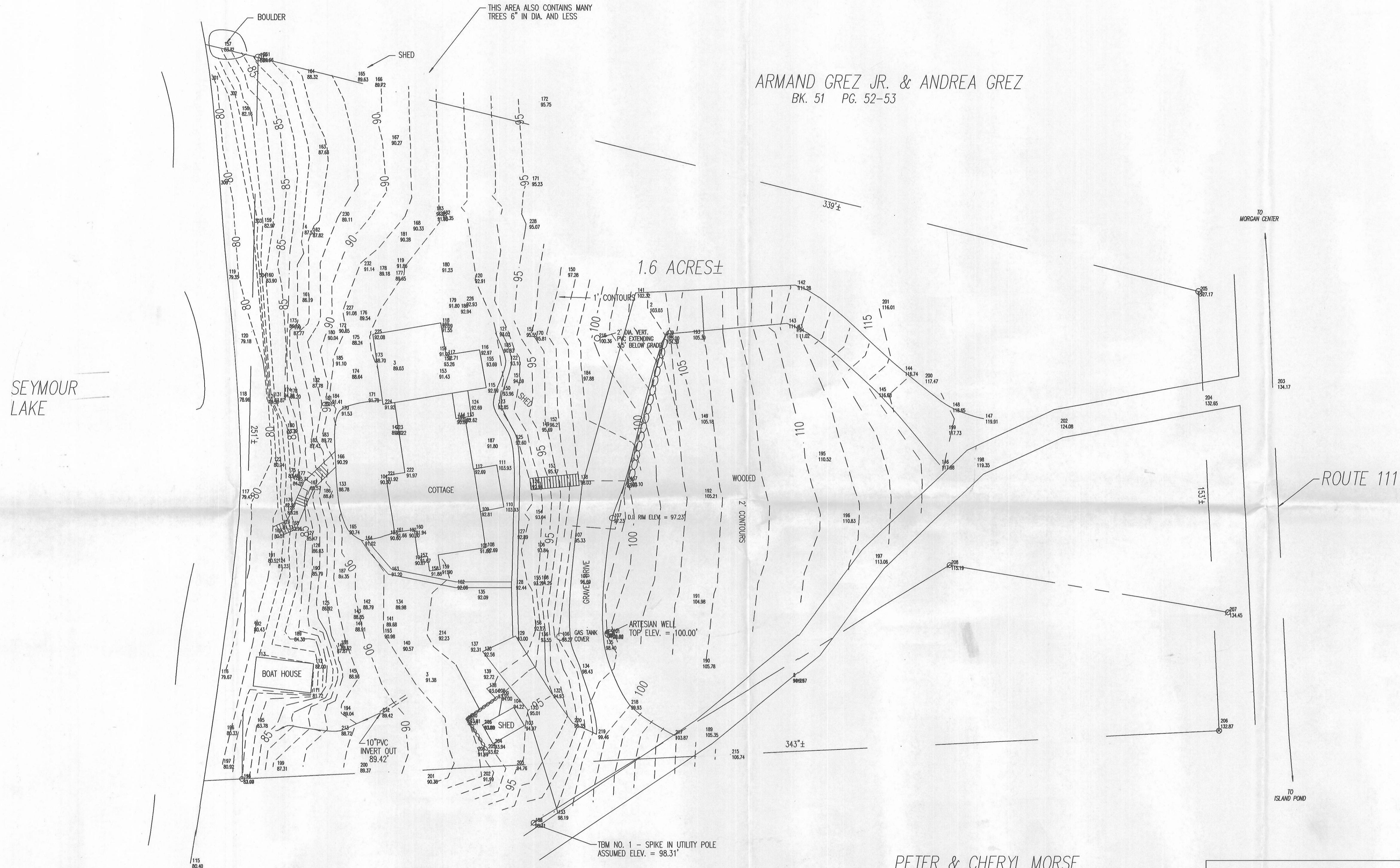
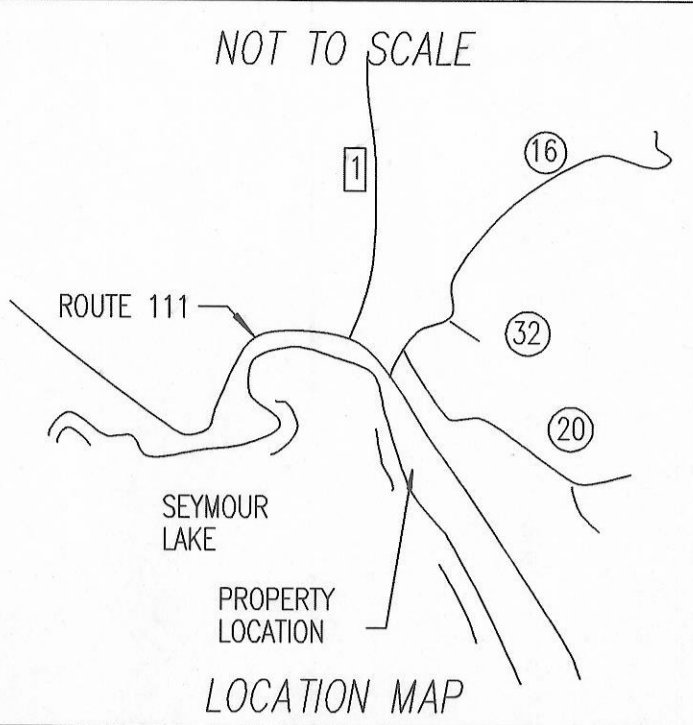
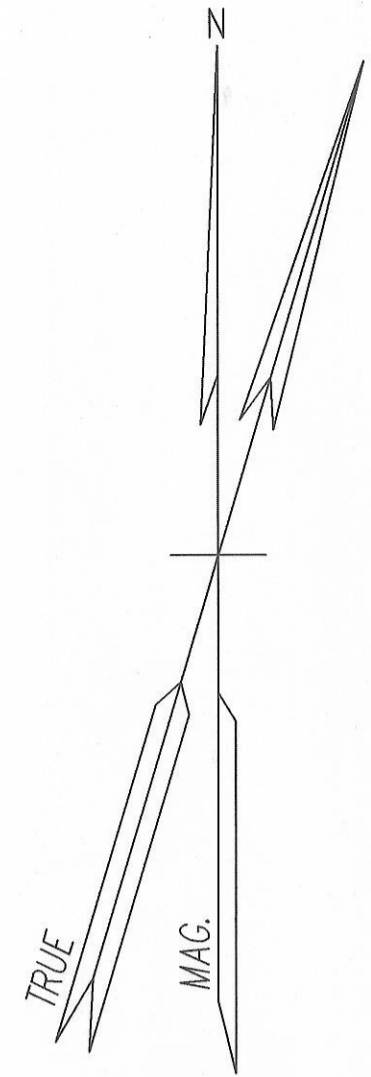
5721 Vermont Route 111

Morgan, Vermont 05853

CLEARED AREA CALCULATION 10.28.2015

Peter A. Cole, Architect
75 South Greeley Avenue
Chappaqua, New York 10514

ALL BEARINGS BASED ON 2003 MAG. NORTH, AS TAKEN FROM COMPASS BEARING OF INITIAL TRAVERSE LEG.



LEGEND

UNMARKED POINT	○
IRON PIN FD.	○
IRON PIPE FD.	○
ROAD CENTER LINE/C.L.	—
LAKESHORE	~
UTILITY LINE	—
UTILITY POLE	○
RIGHT OF WAY	—

PETER & CHERYL MORSE
BK. 46 PG. 442-443

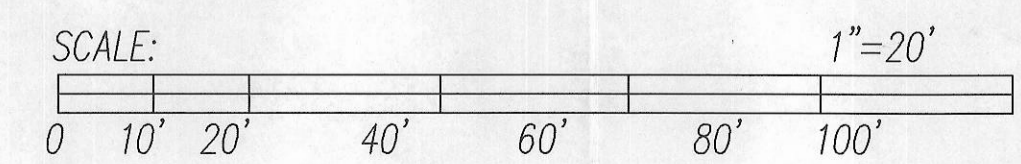
PLAN PREPARED FOR

DAVID & NANCY BULLOCK

TOWN OF: MORGAN, VT.	DATE: JANUARY 25, 2008	SCALE: 1"=20'
SURVEYED BY: G.R., S.S.	TITLE BY: S.S.	DRAWN BY: G.R.

I CERTIFY THAT THIS PLAN WAS BASED ON INFORMATION ABSTRACTED FROM THE TOWN OF MORGAN LAND RECORDS & PHYSICAL EVIDENCE FOUND IN THE FIELD.

RUMERY LAND SURVEYS
CITY OF NEWPORT, VT. 802-334-2286



MAP NO.
05-08A

CLOSED TOTAL STATION SURVEY.